



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/748,520  
Applicant : SPITSBERG, ET AL.  
Filed : DECEMBER 30, 2003  
Title : CERAMIC COMPOSITIONS USEFUL IN THERMAL BARRIER  
COATINGS HAVING REDUCED THERMAL CONDUCTIVITY

Art Unit : 1775  
Examiner : MCNEIL, JENNIFER C.

Atty Docket No. : 129968

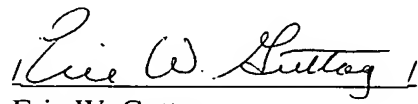
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- ☒ Supplemental Information Disclosure Statement (w/ references)
- ☒ IDS Patent Listing Form SB08 A
- ☒ IDS Non-patent Listing Form SB08 B
- ☒ Fee Transmittal and Authorization to Charge Deposit Account
- ☒ Copy of European Search Report
  
- ☒ The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-GEAE-0032-UTY.**

Respectfully submitted,

  
Eric W. Gutttag  
Registration Number 28,853

JAGTIANI + GUTTAG  
Democracy Square Business Center  
10363-A Democracy Lane  
Fairfax, Virginia 22030  
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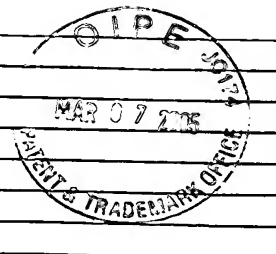
March 7, 2005

# Patent Fee Transmittal for FY 2005

☐ Applicant Claims Small Entity Status 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT \$0.00**

Application Number 10/748,520  
Filing Date 30-Dec-03  
Named Inventor SPITSBERG, et al.  
Examiner Name McNEIL, Jennifer C.  
Art Unit 1775  
Attorney Docket No. 129968



## FEE CALCULATION

### 1. Filing Fees

Application Type	Description	Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Utility	<input type="checkbox"/> Basic	1011	300	2011	150	\$ -
	<input type="checkbox"/> Examination	1311	200	2311	100	\$ -
	<input type="checkbox"/> Search	1111	500	2111	250	\$ -
Design	<input type="checkbox"/> Basic	1012	200	2012	100	\$ -
	<input type="checkbox"/> Examination	1312	130	2312	65	\$ -
	<input type="checkbox"/> Search	1112	100	2112	50	\$ -
Plant	<input type="checkbox"/> Basic	1013	200	2013	100	\$ -
	<input type="checkbox"/> Examination	1313	160	2313	80	\$ -
	<input type="checkbox"/> Search	1113	300	2113	150	\$ -
Reissue	<input type="checkbox"/> Basic	1014	300	2014	150	\$ -
	<input type="checkbox"/> Examination	1114	600	2114	300	\$ -
	<input type="checkbox"/> Search	1314	500	2314	250	\$ -
Provisional	<input type="checkbox"/> Basic	1005	200	2005	100	\$ -
National Stage	<input type="checkbox"/> Basic	1631	300	2631	150	\$ -
	<input type="checkbox"/> Examination	1633	200	2633	100	\$ -
	<input type="checkbox"/> Search	1632	500	2632	250	\$ -

### 2. Extra Claim Fee

#### a. Claims as Filed

	After Amt	Highest Paid	Present Extra
Total Claims	0	20	0
Independent	0	3	0
Multiple Dependent			

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1201	50	2201	25	\$ -
1202	200	2202	100	\$ -
1203	360	2203	180	\$ -

#### b. Claims as Amended

	After Amt	Highest Paid	Present Extra
Total Claims	0	0	0
Independent	0	0	0
First Presentation of Multiple Dependent			

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1201	50	2201	25	\$ -
1202	200	2202	100	\$ -
1203	360	2203	180	\$ -

### 3. Extra Page Fee

Total Pages	Extra Pages
0	0

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1031	250	2031	125	\$ -

#### Subtotal for Application Fees

1 \$ -	2 \$ -	3 \$ -	= \$ -
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### 4. Additional Fees

Description	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Extension for response first month	1251	120	2251	60	\$ -
Extension for response second month	1252	450	2252	225	\$ -
Extension for response third month	1253	1,020	2253	510	\$ -
Extension for response fourth month	1254	1,590	2254	795	\$ -
Extension for response fifth month	1255	2,160	2255	1,080	\$ -
Notice of Appeal	1401	500	2401	250	\$ -
Filing a Brief in Support of an Appeal	1402	500	2402	250	\$ -
Request for Oral hearing	1403	1,000	2403	500	\$ -
Petitions under 1.17(f)	1462	400	2462	400	\$ -
Petitions under 1.17(g)	1463	200	2463	200	\$ -
Petitions under 1.17(h)	1464	130	2464	130	\$ -
Petition - public use proceeding	1451	1,510	2451	1,510	\$ -
Petition to Revoke - Unavoidable	1452	500	2452	250	\$ -
Petition to Revoke - Unintentional	1453	1,500	2453	750	\$ -
Utility Issue Fee	1501	1,400	2501	700	\$ -
Design Issue Fee	1502	800	2502	400	\$ -
Plant Issue Fee	1503	1,100	2503	550	\$ -
Reissue Issue Fee	1511	1,400	2511	700	\$ -
Publication Fee	1504	300	2504	300	\$ -
Statutory Disclaimer	1814	130	2814	65	\$ -

(cont.)

#### Description (cont.)

Description	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Recording each Assignment	8021	40	8021	40	\$ -
Submission of IDS	1806	180	1806	180	\$ -
Request for Cont. Examination (RCE)	1801	790	2801	395	\$ -
Filing Submission After Final	1809	790	2809	395	\$ -
Surcharge - late filing fee or oath	1051	130	2051	65	\$ -
Surcharge - late provisional fee	1052	50	2052	25	\$ -
Non-English Specification	1053	130	2053	130	\$ -
Processing Fee 37 CFR 1.17(q)	1807	50	1807	50	\$ -
Request for Ex Parte Reexamination	1812	2,520	1812	2,520	\$ -
Request Pub. of SIR prior to action	1804	920	1804	920	\$ -
Request Pub. of SIR after action	1805	1,840	1805	1,840	\$ -
Each Add. Invention Examined	1810	790	2810	395	\$ -
Expedited Examination (Design)	1802	900	1802	900	\$ -
Unintentionally Delayed Priority Claim	1453	1,370	1453	1,370	\$ -
Certificate of Correction	1811	100	1811	100	\$ -
Maintenance Fees 3.5 years	1551	900	2551	450	\$ -
Maintenance Fees 7.5 years	1552	2,300	2552	1,150	\$ -
Maintenance Fees 11.5 years	1553	3,600	2553	1,900	\$ -
Surcharge - Late Payment 6 mos.	1554	130	2554	65	\$ -
Other fee					\$ -

Additional Fee Subtotal

\$ -

### METHOD OF PAYMENT (Check all that apply)

☐ Credit Card (Provide credit card information and authorization on PTO-2033)

☒ Deposit Account No. 10-0233-COCH-0119-CP1

For the above-identified deposit account, the Director is hereby authorized to:

☐ To charge the above-identified fee.

☒ To charge any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.

Submitted by:

Name Eric W. Gutttag Reg. No. 28,853  
Firm Jagtiani + Gutttag  
Address 10363-A Democracy Lane, Fairfax VA 22030  
Telephone 703.591.2664 Fax 703.591.5907

*Eric W. Gutttag*

Signature

March 7, 2005

Date



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/748,520  
Applicant : SPITSBERG, ET AL.  
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Art Unit : 1775  
Examiner : MCNEIL, JENNIFER C.

Atty Docket No. : 129968

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. § 120 and identified below, is not submitted herewith.

The listed documents came to the attention of Applicants' attorney as the result of a Search Report that was received for the corresponding European patent application less than 3 months before the submission of this Information Disclosure Statement. A copy of that Search Report is also enclosed. The European Patent Applications that are listed correspond to U.S. patent documents that have been previously cited by Applicants in the above-identified patent application.

**CERTIFICATION**

This Information Disclosure Statement is submitted after three months from (i) the filing date of the above-identified U.S. National Patent application, or (ii) after three months from entry into the U.S. National Stage of the above-identified International Application, or (iii) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent

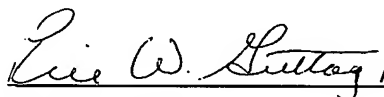
application number, whichever applies; and after the mailing date of the first Office Action on the merits of the above-identified application, but prior to issuance of the earlier of any Final Action or Notice of Allowance sent in such application. The certification under 37 C.F.R. § 1.97(e) is submitted separately or below, or the fee required under 37 C.F.R. § 1.97(c) and § 1.17(p) is submitted herewith.

It is hereby certified that each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-GEAE-0032-UTY.**

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,

A handwritten signature in cursive script, reading "Eric W. Gutttag".

Eric W. Gutttag  
Registration Number 28,853

**JAGTIANI + GUTTAG**  
Democracy Square Business Center  
10363-A Democracy Lane  
Fairfax, Virginia 22030  
(703) 591-2664

March 7, 2005

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO-1449

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet

1

of

2

**Complete If Known**

**Applicant Number**

10/748.520

Filing Date

December 30, 2003

First Named Inventor

SPITSBERG, Irene

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**Art Unit**

1775

**Examiner Name**

McNEIL, Jennifer C.

Attorney Docket Number

129968

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner's  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete If Known**

<b>Applicant Number</b>	10/748,520
<b>Filing Date</b>	December 30, 2003
<b>First Named Inventor</b>	SPITSBERG, Irene
<b>Art Unit</b>	1775
<b>Examiner Name</b>	MCNEIL, Jennifer C.
<b>Attorney Docket Number</b>	129968

(Use as many sheets as necessary)

Sheet	2	of	2
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[illegible]

Examiner's  
Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.**